

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
401 M Street, S.W.
WASHINGTON, D.C. 20460

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address.

DATA MATRIX

Date: 3/3/2022			EPA Reg. No./File Symbol 91234-264	Page 1 of 18	
Applicant's/Registrant's Name & Address Atticus, LLC 5000 CentreGreen Way Suite 100, Cary NC 27513			Product A1101.18		
Ingredient(s) Spinosad					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.1550	Product Identity and Composition	51806301 51587501	Atticus, LLC Argite, LLC	OWN PER	
830.1600	Description of Materials Used to Produce the Product	51806301 51587501	Atticus, LLC Argite, LLC	OWN PER	
830.1620	Description of the Production Process	51587501	Argite, LLC	PER	
830.1650	Description of the Formulation Process	51806301	Atticus, LLC	OWN	
830.1670	Discussion of Formation of Impurities	51806301 51587501	Atticus, LLC Argite, LLC	OWN PER	
830.1700	Preliminary Analysis	51587502 51587503 51587504 51587505 51587506 51587511 51587523 51587524	Argite, LLC Argite, LLC Argite, LLC Argite, LLC Argite, LLC Argite, LLC Argite, LLC Argite, LLC	PER PER PER PER PER PER PER PER	1
830.1750	Certified Limits	51806301 51587501	Atticus, LLC Argite, LLC	OWN PER	
830.1800	Enforcement Analytical Method	51806301 51587507 51587508 51587509 51587510 51587511 51587523 51587524	Atticus, LLC Argite, LLC Argite, LLC Argite, LLC Argite, LLC Argite, LLC Argite, LLC Argite, LLC	OWN PER PER PER PER PER PER PER	
830.1900	Submittal of Samples	N/A			2

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Ingredient(s) Spinosad					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.6302	Color	51806302 51587512 51587515	Atticus, LLC Argite, LLC Argite, LLC	OWN PER PER	
830.6303	Physical State	51806302 51587512 51587515	Atticus, LLC Argite, LLC Argite, LLC	OWN PER PER	
830.6304	Odor	51806302 51587512 51587515	Atticus, LLC Argite, LLC Argite, LLC	OWN PER PER	
830.6313	Stability to Normal and Elevated Temperatures, Metals and Metal Ions	51587515 51587516	Argite, LLC Argite, LLC	PER PER	
830.6314	Oxidation / Reduction: Chemical Incompatibility	51806302 51587515	Atticus, LLC Argite, LLC	OWN PER	
830.6315	Flammability	51806302 51587516	Atticus, LLC Argite, LLC	OWN PER	
830.6316	Explodability	51587513	Argite, LLC	PER	3
830.6317	Storage Stability	In progress 51587515	Argite, LLC	PER	
830.6319	Miscibility	51587516	Argite, LLC	PER	4
830.6320	Corrosion Characteristics	In progress 51587513 51587515	Argite, LLC Argite, LLC	PER PER	
830.6321	Dielectric Breakdown Voltage	N/A			5
830.7000	pH	51806302 51587513 51587515	Atticus, LLC Argite, LLC Argite, LLC	OWN PER PER	
830.7050	UV / Visible Absorption	51587515	Argite, LLC	PER	

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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.7100	Viscosity	51806302 51587516	Atticus, LLC Argite, LLC	OWN PER	
830.7200	Melting Point / Melting Range	51587512 51587515	Argite, LLC Argite, LLC	PER PER	
830.7220	Boiling Point / Boiling Range	51587516	Argite, LLC	PER	
830.7300	Density / Relative Density / Bulk Density	51806302 51587513 51587515	Atticus, LLC Argite, LLC Argite, LLC	OWN PER PER	
830.7370	Dissociation Constants in Water	51587513 51587515	Argite, LLC Argite, LLC	PER PER	
830.7520	Particle Size, Fiber Length, and Diameter Distribution	51587516	Argite, LLC	PER	
830.7550, 830.7560, 830.7570	Partition Coefficient (n-octanol/water), Shake Flask Method, Generator Method, Estimation by Liquid Chromatography	51587515 51587512	Argite, LLC Argite, LLC	PER PER	
830.7840, 830.7860	Water Solubility: Column Elution Method, Shake Flask Method, Generator Column Method	51587512 51587515	Argite, LLC Argite, LLC	PER PER	
830.7950	Vapor Pressure	51587514 51587515	Argite, LLC Argite, LLC	PER PER	
870.1100	Acute Oral Toxicity	43414509	MC (US) 3 LLC	OLD	
870.1200	Acute Dermal Toxicity	43414510 44159304	MC (US) 3 LLC	OLD	
870.1300	Acute Inhalation Toxicity	43414511	MC (US) 3 LLC	OLD	
870.2400	Acute Eye Irritation	43414512	MC (US) 3 LLC	OLD	
870.2500	Acute Dermal Irritation	43414513	MC (US) 3 LLC	OLD	
870.2600	Skin Sensitization	43414514	MC (US) 3 LLC	OLD	

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Ingredient(s) Spinosad					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
Product Specific Data Requirements					
810.3400	Mosquito, Black Fly, and Biting Midge (Sand Fly) Trts	Cite-all		PAY	See OTP list below
810.3500	Premises Treatments	Cite-all		PAY	See OTP list below
Atticus, LLC is using the cite-all option under the selective method to satisfy <u>Efficacy</u> data requirements. Atticus, LLC has made offers-to-pay to the following companies on the October 14, 2021 Data Submitters List for Spinosad.					
		Cite-all	AGRICULTURAL HANDLER EXPOSURE TASK FORCE	OWN	
		Cite-all	AGRICULTURAL REENTRY TASK FORCE	OWN	
		Cite-all	BAYER CROPS SCIENCE LP	PAY	
		Cite-all	BONIDE PRODUCTS, LLC	PAY	
		Cite-all	CLARKE MOSQUITO CONTROL PRODUCTS, INC.	PAY	
		Cite-all	CORTEVA AGRISCIENCE LLC	PAY	
		Cite-all	ELANCO US INC.	PAY	
		Cite-all	FIFRA ENDANGERED SPECIES TASK FORCE, L.L.C.	PAY	
		Cite-all	FMC CORPORATION	PAY	
		Cite-all	GUSTAFSON LLC	PAY	
		Cite-all	MCLAUGHLIN GORMLEY KING COMPANY, D/B/A MGK	PAY	
		Cite-all	OUTDOOR RESIDENTIAL EXPOSURE TASK FORCE, L.L.C.	OWN	

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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
		Cite-all	PBI/GORDON CORPORATION	PAY	
		Cite-all	RESIDENTIAL EXPOSURE JOINT VENTURE (REJV)	PAY	
		Cite-all	SPRAY DRIFT TASK FORCE	OWN	
		Cite-all	TEPHRITID CONTROL, INC.	PAY	
		Cite-all	THE SCOTTS COMPANY D/B/A THE ORTHO GROUP	PAY	
		Cite-all	W. NEUDORFF GMBH KG	PAY	
GENERIC DATA REQUIREMENTS					
850.2100	Acute Avian Oral Toxicity	49232301 49271501	Corteva Agriscience LLC Corteva Agriscience LLC	PAY PAY	
850.2200	Acute Avian Dietary Toxicity	43414530 43414531		OLD OLD	
850.2400	Wild Mammal Toxicity				Not required / See 870 series
850.2300	Avian Reproductive Toxicity	43414532 43414533		OLD OLD	
850.2500	Simulated or Actual Field Testing				Not required
850.1075	Freshwater Fish Toxicity	43444103 43414534		OLD OLD	
850.1010	Freshwater Invertebrate Toxicity	43414537 43571202		OLD OLD	

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Ingredient(s) Spinosad					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
		44597731 46505312 46505307 46505309 46505304		OLD OLD OLD OLD OLD	
850.1025, 850.1035, 850.1045, 850.1055, 850.1075	Acute Toxicity Estuarine and Marine Organisms	43414540 43444104 43571203 43414539 49254201 49295302	Corteva Agriscience LLC Corteva Agriscience LLC	OLD OLD OLD OLD PAY PAY	
850.1300	Aquatic Invertebrate Life Cycle (Freshwater)	43848801 46505303 46505306 49295304 49362901	Corteva Agriscience LLC Corteva Agriscience LLC	OLD OLD OLD PAY PAY	
850.1350	Aquatic Invertebrate Life Cycle (Saltwater)	44420602 49305401 49405601	Corteva Agriscience LLC Corteva Agriscience LLC	OLD PAY PAY	
850.1400	Fish Early Life Stage (Freshwater)	43414541		OLD	
850.1400	Fish Early Life Stage (Saltwater)	44420601		OLD	
850.1500	Life Cycle Fish	49522101	Corteva Agriscience LLC	PAY	
850.1710, 850.1730, 850.1850	Aquatic Organisms Bioavailability, Biomagnification, Toxicity	44537734 43557601 47355801	Corteva Agriscience LLC	OLD OLD PAY	
850.1950	Simulated or Actual Field Testing for Aquatic Organisms				Not required
850.1735	Whole Sediment: Acute Freshwater Invertebrates				Not required
850.1740	Whole Sediment: Acute Marine Invertebrates	47702901	Corteva Agriscience LLC	PAY	


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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
N/A	Whole Sediment: Chronic Invertebrates Freshwater and Marine	44828402 46505314 46505315 46505316 46505317		OLD OLD OLD OLD OLD	
850.3020	Honey Bee Acute Contact Toxicity	43414547		OLD	
850.3030	Honeybee Toxicity of Residues on Foliage	45007701 45007702		OLD OLD	
850.3040	Field Testing for Pollinators	45708201 45708801		OLD OLD	
870.6100	Delayed Neurotoxicity (Acute) – Hen				Not required
870.6200	Acute Neurotoxicity – Rat	43557501		OLD	
870.3100	90-Day Oral: Rodent	43557502 43566601 43566602		OLD OLD OLD	
870.3150	90-Day Oral: Non-Rodent	43444102		OLD	
870.3200	21/28-Day Dermal Toxicity	43557503		OLD	
870.3250	90-Day Dermal Toxicity				Not required
870.3465	90-Day Inhalation Toxicity				Not required
870.6100	28-Day Delayed Neurotoxicity – Hen				Not required
870.6200	90-Day Neurotoxicity	43557504 43701507 43701503		OLD OLD OLD	
870.4100	Chronic Oral Rodent	43701507 43701503		OLD OLD	
870.4200	Carcinogenicity	43701507 43701503 43701505		OLD OLD OLD	

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Ingredient(s) Spinosad					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
870.4300	Combined Chronic Toxicity / Carcinogenicity	43701507 43701503		OLD OLD	
870.3700	Reproduction / Developmental Toxicity Screening Test	43557505 43557502 43414521 43770703		OLD OLD OLD OLD	
870.3800	2-Generation Reproduction: Rat	43701506			
870.6300	Developmental Neurotoxicity Study				Not required
870.5100	Bacterial Reverse Mutation Test	46695109		OLD	
870.5300, 870.5375	<i>In vitro</i> Mammalian Cell Assay	43414523 43414524		OLD OLD	
870.5385, 870.5395, 870.5450, 870.5550	<i>In vivo</i> Cytogenetics and Other Effects	43414525 43414526		OLD OLD	
870.7485	Metabolism and Pharmacokinetics	43701508 43701509 43701510		OLD OLD OLD	
870.7200	Companion Animal Safety				Not required
870.7600	Dermal Penetration				Not required
870.7800	Immunotoxicity	48329601	Corteva Agriscience LLC	PAY	
Non-guideline	CTA Assay	50716101	Corteva Agriscience LLC	PAY	Waived
875.1100	Dermal Exposure – Outdoor		Agricultural Handler Exposure TF	OWN	
875.1200	Dermal Exposure – Indoor		Agricultural Handler Exposure TF	OWN	
875.1300	Inhalation Exposure – Outdoor		Agricultural Handler Exposure TF	OWN	
875.1400	Inhalation Exposure – Indoor		Agricultural Handler Exposure TF	OWN	
875.1500	Biological Monitoring		Agricultural Handler Exposure TF	OWN	
875.1600	Data Reporting and Calculations		Agricultural Handler Exposure TF	OWN	
875.1700	Product Use Information		Agricultural Handler Exposure TF	OWN	

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Ingredient(s) Spinosad					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
875.2100	Dislodgeable Foliar Residue and Turf Transferable Residues	44828401		OLD	
875.2200	Soil Residue Dissipation		Agricultural Reentry TF Outdoor Residential Exposure TF	OWN OWN	
875.2400	Dermal Exposure		Agricultural Reentry TF Outdoor Residential Exposure TF	OWN OWN	
875.2500	Inhalation Exposure		Agricultural Reentry TF Outdoor Residential Exposure TF	OWN OWN	
875.2600	Biological Monitoring		Agricultural Reentry TF Outdoor Residential Exposure TF	OWN OWN	
875.2700	Product Use Information		Agricultural Reentry TF Outdoor Residential Exposure TF	OWN OWN	
875.2800	Descriptions of Human Activity		Agricultural Reentry TF Outdoor Residential Exposure TF	OWN OWN	
875.2900	Data Reporting and Calculations		Agricultural Reentry TF Outdoor Residential Exposure TF	OWN OWN	
875.3000	Nondietary Ingestion Exposure		Agricultural Reentry TF Outdoor Residential Exposure TF	OWN OWN	
201-1	Droplet Size Spectrum		Spray Drift TF	OLD	
202-1	Droplet Size Spectrum		Spray Drift TF	OLD	
850.4100	Tier 1: Seedling Emergence	44597732 43848802 49232302	Corteva Agriscience LLC	OLD OLD PAY	
850.4150	Tier 1: Vegetative Vigor	44597732 49232303	Corteva Agriscience LLC	OLD PAY	
850.4400, 850.4500	Tier 1: Aquatic Plant Growth	43414546		OLD	

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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
		43414542 43414543 43414545 46505305 46505302 46505308 46505310		OLD OLD OLD OLD OLD OLD OLD	
850.4100	Tier 2: Seedling Emergence	44597732 43848802 49232302	Corteva Agriscience LLC	OLD OLD PAY	
850.4150	Tier 2: Vegetative Vigor	44597732 49232303	Corteva Agriscience LLC	OLD PAY	
850.4400, 850.4500	Tier 2: Aquatic Plant Growth	43414546 43414542 43414543 43414545 46505305 46505302 46505308 46505310		OLD OLD OLD OLD OLD OLD OLD OLD	
850.4300	Terrestrial Field				Not required
850.4450	Aquatic Field				Not required
850.4025	Target Area Phytotoxicity				Not required
850.4550	Cyanobacteria Toxicity	43414544		OLD	
835.2120	Hydrolysis	43507301		OLD	
835.2240	Photodegradation in Water	43507302		OLD	
835.2410	Photodegradation in Soil	44597733		OLD	

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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
		43507303		OLD	
835.2370	Photodegradation in Air				Waived
835.4100	Aerobic Soil Metabolism	43507304		OLD	
835.4200	Anaerobic Soil Metabolism				Not required
835.4300	Aerobic Aquatic Metabolism	47908501	Corteva Agriscience LLC	PAY	
835.4400	Anaerobic Aquatic Metabolism	43507305		OLD	
835.1230	Leaching / Adsorption / Desorption	43507306 43816602		OLD OLD	
835.1410	Volatility – Laboratory				Waived
835.8100	Volatility – Field				Waived
835.6100	Soil Field Dissipation Study	43714301 47405604 49064702	Corteva Agriscience LLC Corteva Agriscience LLC	OLD PAY PAY	
835.6200	Aquatic Sediment Field Dissipation Study	47420101	Corteva Agriscience LLC	PAY	Waived
835.6300	Forest Field Dissipation Study				Not required
835.6400	Combination and Tank Mixes				Waived
835.7100	Ground Water Monitoring				Not required
850.6100	Environmental Chemistry Methods	44045101 44045102 44045103 44045106 44045104		OLD OLD OLD OLD OLD	
860.1300	Nature of the Residue: Plants	43727403 43727404 44058811 44058812 44058813		OLD OLD OLD OLD OLD	

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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
		44058814 44058815 48664803	Corteva Agriscience LLC	OLD OLD PAY	
860.1300	Nature of the Residue: Livestock	43727405 43727406 45080604		OLD OLD OLD	
860.1850	Confined Rotational Crops	43727402		OLD	
860.1340	Residue Analytical Methods	43727407-08 44058816-23 44159305-06 44214901-02 44214904 44323502-08 44444402 44597708-10 44597713-14 44693601 44695216 47334001 47703002	Corteva AgriScience LLC Elanco US Inc.	OLD OLD OLD OLD OLD OLD OLD OLD OLD OLD PAY PAY	
860.1360	Multiresidue Method	43727409 44058810		OLD OLD	
860.1380	Storage Stability	44058824 44058825 44159307 44323509 44323510 44597711		OLD OLD OLD OLD OLD OLD	

Signature 	Name and Title Kristen Cianni Regulatory Mgr.	Date 3/3/2022
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Applicant's/Registrant's Name & Address Atticus, LLC 5000 CentreGreen Way Suite 100, Cary NC 27513			Product A1101.18		
Ingredient(s) Spinosad					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
860.1500	Magnitude of the Residue in Plants: Root and tuber vegetables (Group 1); Leaves of root and tuber vegetables (Group 2)	44597712 44655401 45285102 45552101		OLD OLD OLD OLD	
860.1500	Magnitude of the Residue in Plants: Onion, bulb (Subgroup 3-07A)	46162401		OLD	
860.1500	Magnitude of the Residue in Plants: Onion, green (subgroup 3-07B)	46162401		OLD	
860.1500	Magnitude of the Residue in Plants: Leafy vegetable (Group 4-16)	44159309 44323512 46114501		OLD OLD OLD	
860.1500	Magnitude of the Residue in Plants: Brassica head and stem vegetable (Group 5-16)	44058828		OLD	
860.1500	Magnitude of the Residue in Plants: Edible-podded legume vegetable (Subgroup 6A); Succulent shelled pea and bean (Subgroup 6B); Dried shelled pea and bean (Subgroup 6C); Foliage of legume vegetable (Group 7)	44597719 45566101 46114501 46159801		OLD OLD OLD OLD	
860.1500	Magnitude of the Residue in Plants: Fruiting vegetable (Group 8-10)	44159308		OLD	
860.1500	Magnitude of the Residue in Plants: Cucurbit vegetable (Group 9)	44597717		OLD	
860.1500	Magnitude of the Residue in Plants: Citrus fruit (Group 10-10)	44323513		OLD	
860.1500	Magnitude of the Residue in Plants: Pome fruit (Group 11-10)	44058827 45128801		OLD OLD	
860.1500	Magnitude of the Residue in Plants: Stone fruit (Group 12-12)	44597716 46116501 47694401 49306001	Corteva AgriScience LLC Corteva AgriScience LLC	OLD OLD PAY PAY	
860.1500	Magnitude of the Residue in Plants: Caneberry (Subgroup 13-07A)	45572001		OLD	

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Applicant's/Registrant's Name & Address Atticus, LLC 5000 CentreGreen Way Suite 100, Cary NC 27513			Product A1101.18		
Ingredient(s) Spinosad					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
860.1500	Magnitude of the Residue in Plants: Bushberry (Subgroup 13-07B)	45311701		OLD	
860.1500	Magnitude of the Residue in Plants: Small fruit vine climbing, except fuzzy kiwifruit (Subgroup 13-07F)	45619401 45619402		OLD OLD	
860.1500	Magnitude of the Residue in Plants: Low growing berry (Subgroup 13-07G), except cranberry	45318901		OLD	
860.1500	Magnitude of the Residue in Plants: Low growing berry, except strawberry (Subgroup 13-07H)	45285101		OLD	
860.1500	Magnitude of the Residue in Plants: Tree nuts (Group 14-12)	44323511 45244701 47554001	IR-4	OLD OLD PL	
860.1500	Magnitude of the Residue in Plants: Cereal grains (Group 15); Forage, fodder, and straw of cereal grains (Group 16)	44597718 46248501		OLD OLD	
860.1500	Magnitude of the Residue in Plants: Grass forage, fodder, and hay (Group 17)	46173701 49462501	Corteva Agriscience LLC	OLD PAY	
860.1500	Magnitude of the Residue in Plants: Nongrass animal feeds (Group 18)	46159801 49462501	Corteva Agriscience LLC	OLD PAY	
860.1500	Magnitude of the Residue in Plants: Herb (Subgroup 19A); Spice (Subgroup 19B)	45522501 46998201	IR-4	OLD PL	
860.1500	Magnitude of the Residue in Plants: Cottonseed (Subgroup 20C)	43727410 44444403		OLD OLD	
860.1500	Magnitude of the Residue in Plants: Leafy petiole vegetable (Subgroup 22B)	44159309 44323512 46114501		OLD OLD OLD	
860.1500	Magnitude of the Residue in Plants: amaranth, grain	44597718 46248501		OLD OLD	
860.1500	Magnitude of the Residue in Plants: artichoke, globe	45313201		OLD	
860.1500	Magnitude of the Residue in Plants: asparagus	N/A			EPA memo G.J. Herndon 8/1/2001

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Ingredient(s) Spinosad					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
860.1500	Magnitude of the Residue in Plants: celtuce	44159309 44323512 46114501		OLD OLD OLD	
860.1500	Magnitude of the Residue in Plants: coffee	49092401 49092402	IR-4 IR-4	PL PL	
860.1500	Magnitude of the Residue in Plants: fennel, Florence (finocchio)	44159309 44323512 46114501		OLD OLD OLD	
860.1500	Magnitude of the Residue in Plants: hops	45522501		OLD	
860.1500	Magnitude of the Residue in Plants: kohlrabi	44058828		OLD	
860.1500	Magnitude of the Residue in Plants: peanut	45538701		OLD	
860.1500	Magnitude of the Residue in Plants: peppermint, spearmint	46124201		OLD	
860.1500	Magnitude of the Residue in Plants: quinoa	44597718 46248501		OLD OLD	
860.1500	Magnitude of the Residue in Plants: soybean	44597719 45566101 46114501 46159801		OLD OLD OLD OLD	
860.1500	Magnitude of the Residue in Plants: ti, leaves	46013301 46998202 46998203 46998204	IR-4 IR-4 IR-4	OLD PL PL PL	
860.1500	Magnitude of the Residue in Plants: tropical fruits (see label)	46013301 46998202 46998203 46998204	IR-4 IR-4 IR-4	OLD PL PL PL	
860.1500	Magnitude of the Residue in Plants: watercress	44159309		OLD	

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Ingredient(s) Spinosad					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
		44323512 46114501		OLD OLD	
860.1500	Magnitude of the Residue in Plants: tobacco	44214903		OLD	
860.1520	Magnitude of the Residue in Processed Food or Feed: Root and tuber vegetables (Group 1); potatoes, sugar beets	44655401 45285102 45552101		OLD OLD OLD	
860.1520	Magnitude of the Residue in Processed Food or Feed: Fruiting vegetable (Group 8-10); tomatoes	44159310		OLD	
860.1520	Magnitude of the Residue in Processed Food or Feed: Citrus fruit (Group 10-10)	44323513		OLD	
860.1520	Magnitude of the Residue in Processed Food or Feed: Pome fruit (Group 11-10); apples	44058829		OLD	
860.1520	Magnitude of the Residue in Processed Food or Feed: Stone fruit (Group 12-12); plums	44597716 46116501 47694401 49306001	Corteva AgriScience LLC Corteva AgriScience LLC	OLD OLD PAY PAY	
860.1520	Magnitude of the Residue in Processed Food or Feed: Small fruit vine climbing, except fuzzy kiwifruit (Subgroup 13-07F); grapes	45619401 45619402		OLD OLD	
860.1520	Magnitude of the Residue in Processed Food or Feed: Cereal grains (Group 15); field corn, rice, sorghum, wheat	46345401		OLD	
860.1520	Magnitude of the Residue in Processed Food or Feed: Herb (Subgroup 19A); dried	45522501 46998201	IR-4	OLD PL	
860.1520	Magnitude of the Residue in Processed Food or Feed: Cottonseed (Subgroup 20C); cotton	43727411		OLD	
860.1520	Magnitude of the Residue in Processed Food or Feed: coffee	49092401 49092402	IR-4 IR-4	PL PL	
860.1520	Magnitude of the Residue in Processed Food or Feed: peanut	45538701		OLD	
860.1520	Magnitude of the Residue in Processed Food or Feed: peppermint, spearmint	46124201		OLD	

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Ingredient(s) Spinosad					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
860.1520	Magnitude of the Residue in Processed Food or Feed: soybean	44597719 45566101 46114501 46159801		OLD OLD OLD OLD	
860.1520	Magnitude of the Residue in Processed Food or Feed: pineapple	46013301 46998202 46998203 46998204	IR-4 IR-4 IR-4	OLD PL PL PL	
860.1480	Magnitude of the Residue in Meat, Milk, Poultry, and Eggs	44058826 44597715 45080605 46661801 47296401 47703001	Corteva AgriScience, LLC Elanco US Inc.	OLD OLD OLD OLD PAY PAY	
860.1400	Nature and Magnitude of the Residue in Potable Water				Not required
860.1400	Magnitude of the Residue in Fish				Not required
860.1400	Magnitude of the Residue in Plants Resulting from the Use of Irrigation Water				Not required
860.1460	Magnitude of the Residue in Food Handling Establishments				Not required
860.1900	Field Rotational Crops				Not required

Signature 	Name and Title Kristen Cianni Regulatory Mgr.	Date 3/3/2022
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DATA MATRIX FOOTNOTES

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| 1. Preliminary Analysis | N/A. Not required for end use products |
| 2. Submittal of Samples | N/A. Not required for end use products |
| 3. Explodability | N/A. Neither the technical grade active ingredient nor the inert ingredients are considered to be potentially explosive. |
| 4. Miscibility | N/A. This product is not intended to be diluted with petroleum solvents. |
| 5. Dielectric Breakdown Voltage | N/A. This product is not intended to be used around electrical equipment. |